

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
UC083 001CP2APPLICATION NO.  
09 866.538

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INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Tsien *et al*

TECH CENTER 1600/2900

FILING DATE  
May 24, 2001GROUP  
1645

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
CTK	1	5.625.048	04/29/97	Tsien <i>et al</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
CTK	2	WO 96/23810	08/08/96	PCT			YES NO

EXAMINER  
INITIAL

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

CTK	3	Baird <i>et al.</i> , "Circular Permutation and Receptor Insertion within Green Fluorescent Proteins" <i>Proc. Natl. Acad. Sci. USA</i> 96:11241-11246 (1999)
	4	BD Biosciences/Clontech, Product literature, "Living Colors DsRed C-Terminal Fusion Vector" <i>CLONTECHniques</i> , pg. 22, (January 2000)
	5	BD Biosciences/Clontech, Product literature, "Living Colors Red Fluorescent Protein" <i>CLONTECHniques</i> , Vol. XIV, No.4 pgs. 2-6, (October 1999)
	6	BD Biosciences/Clontech, Product literature, "Mercury DsRed1 Signaling Probes" <i>CLONTECHniques</i> , pgs. 22 & 23, (April 2000)
	7	Heim <i>et al.</i> , "Improved Green Fluorescence" <i>Nature</i> , 373:663-664, 1995
	8	Heim <i>et al.</i> , "Wavelength Mutations and Posttranslational Autooxidation of Green Fluorescent Protein", <i>Proc. Natl. Acad. Sci. USA</i> , 91:12501-12504, 1994
	9	Lauf <i>et al.</i> , "Expression of Fluorescently Tagged Connexins: A Novel Approach to Rescue Function of Oligomeric DsRed-Tagged Proteins" <i>FEBS Lett.</i> , 498:11-15 [May 10, 2001]
	10	Lukyanov <i>et al.</i> , "Natural Animal Coloration Can Be Determined by a Nonfluorescent Green Fluorescent Protein Homolog" <i>J. Biol. Chem.</i> , 275:25879-25882, 2000
	11	Miyawaki and Tsien, "Monitoring Protein Conformations and Interactions by Fluorescence Resonance Energy Transfer Between Mutants of Green Fluorescent Protein" <i>Methods Enzymol., Application of Chimeras in Cell Physiology</i> , 327:472-500 (2000)
	12	Miyawaki <i>et al.</i> , "Dynamic and Quantitative Ca <sup>2+</sup> Measurements Using Improved Cameleons" <i>Proc. Natl. Acad. Sci., USA</i> , 96:2135-2140, 1999
CTK	13	Prasher <i>et al.</i> , "Summary Structure of the Aequorea Victoria Green-Fluorescent Protein" <i>Gene</i> , 111:229-233 (1992)

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. UC083 001CP2	APPLICATION NO. 09 866 538
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT Tsien <i>et al</i>	
	FILING DATE May 24, 2001	GROUP 1645

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
5/17	14	Roth, "Purification & Protease Susceptibility of the Green-Fluorescent Protein of Aequorea with a Note on Hlistaura" Thesis from the Graduate Program in Biochemistry from Rutgers, the State University of New Jersey (1985)
	15	Wall <i>et al.</i> , "The Structural Basis for Red Fluorescence in the Tetrameric GFP Homolog DsRed" <i>Nature Struct. Biol.</i> , 7:1133-1138 [2000]
	16	Wiehler <i>et al.</i> , "Mutants of Discosoma Red Fluorescent Protein with a GFP-like Chromophore" <i>FEBS Letters</i> 487: 384-389 (2001)
5/17	17	Yarbrough <i>et al.</i> , "Refined Crystal Structure of DsRed, a Red Fluorescent Protein from Coral, at 2.0 -Å Resolution" <i>Proc. Natl. Acad. Sci. USA</i> , 98:462-467 [2001]

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